

- AXELROD, D. I. 1940. The Mint Canyon flora of southern California: a preliminary statement. *Amer. Jour. Sci.* 238:577-585.
- CHANEY, R. W. 1944. Introduction [to] Pliocene floras of California and Oregon. *Carn. Inst. Wash. Publ.* 553: 1-19.
- DOBZHANSKY, T. 1941. Genetics and the origin of species. Second edition, revised. 446 pp. Columbia Univ. Press, New York.
- EASTWOOD, A. 1905. A handbook of the trees of California. *Occ. Papers Calif. Acad. Sci.* 9: 1-86.
- ENGELMANN, G. 1876-1877. About the oaks of the United States. *Trans. Acad. St. Louis* 3: 372-400, 539-543.
- GREENE, E. L. 1889-1890. Illustrations of west American oaks. 84 pp. San Francisco.
- 1890. Notes on western oaks. *Pittonia* 2: 111-114.
- JEPSON, W. L. 1909. A flora of California. Volume 1. 578 pp. Cunningham, Curtiss & Welch, San Francisco.
- 1910. The silva of California. *Mem. Univ. Calif.* 2: 1-480.
- 1925. A manual of the flowering plants of California. 1238 pp. Assoc. Students Store, Univ. Calif., Berkeley.
- KEARNEY, T. H. and R. H. PEEBLES. 1942. Flowering plants and ferns of Arizona. U.S. Dept. Agr. Misc. Publ. 423: 1-1069.
- LANJOUW, J. 1939. On the standardization of herbarium abbreviations. *Chron. Bot.* 5: 142-150.
- 1941. Index Herbariorum. *Chron. Bot.* 6: 377-378.
- McMINN, H. E. 1939. An illustrated manual of California shrubs. 689 pp. J. W. Stacey, Inc.
- MULLER, C. H. 1940. Oaks of Trans-Pecos Texas. *Am. Midl. Nat.* 24: 703-728.
- MUNZ, P. A. 1935. A manual of southern California botany. 642 pp. J. W. Stacey, Inc.
- SARGENT, C. S. 1895. The silva of North America. Volume 8. 190 pp. Houghton, Mifflin & Co.
- SUDWORTH, G. B. 1908. Forest trees of the Pacific slope. 441 pp. U.S. Dept. Agr., Forest Service.
- TIDESTROM, I. 1925. Flora of Utah and Nevada. *Contr. U.S. Nat. Herb.* 25: 1-665.
- TRELEASE, W. 1924. The American oaks. *Mem. Nat. Acad. Sci.* 20: 1-255.
- TUCKER, J. M. In press. Evolution of the Californian oak, *Quercus Alvordiana*. Evolution.
- WATSON, S. 1880. Geological Survey of California. Botany of California 2: 1-559.
- WOOTON, E. O. and P. C. STANDLEY. 1915. Flora of New Mexico, *Contr. U.S. Nat. Herb.* 19: 1-794.

REVIEW

Palms and Cycads, Their Culture in Southern California.

By WILLIAM HERTRICH. Henry E. Huntington Library and Art Gallery, San Marino, California. x + 142 pp., frontispiece (color photograph), 125 black-and-white photographs. 1951. \$5.00.

This is a well illustrated account of the palms and cycads that grow or that have grown in the Huntington Botanical Gardens, at San Marino, California. Mr. Hertrich, now curator emeritus, has supervised the development of the Huntington Gardens since they began nearly fifty years ago as the private estate of Henry E. Huntington. He now plans "a series of brief papers containing historical and horticultural

tural notes on specific collections of plants." The first of the series, "A Guide to the Desert Plant Collection," was published in 1937; and this is the second.

A brief introduction gives the history of the Huntington Gardens and of the palm collection in particular, as well as a few general remarks on cultivation of palms. The feather palms, fan palms, and cycads are then considered species by species. Usually there are a few phrases of description, some information about origin and introduction, and notes on uses and cultivation in southern California. Nomenclature mostly follows L. H. Bailey. Synonymy is treated in a manner that will impress the uninitiated with the esoteric nature of taxonomy. The text as a whole might have been improved by more careful editing.

Among the feather palms about forty species are listed as hardy or semi-hardy, though some of these were lost at the Huntington Gardens by freezing, and seven more species are listed as less than hardy. About forty fan palms and thirty-five cycads are included, though again some have not survived.

The illustrations are good. These are photographs taken through the years by Mr. Hertrich, mostly of plants at the Huntington Gardens. They should help the user to recognize the species grown in southern California. REID MORAN, Bailey Hortoreum, Ithaca, N.Y.

NOTES AND NEWS

We call to your attention the following recent publications.

The Cultivated Aroids, by M. R. Birdsey. The Gillick Press, Berkeley, California. 140 pp., illustrated. 1951. \$5.00

Vegetation of the Sonoran Desert, by Forrest Shreve. Carnegie Institution of Washington Publication 591, Washington, D.C. 192 pp., illustrated. 1951. Paper, \$3.25; cloth \$3.75.

Flowering Trees of the Caribbean, by Bernard and Harriet Pertchik. Rinehart & Company, Inc., New York. 125 pp., illustrated. 1951. \$10.00

Weeds of California, by W. W. Robbins, Margaret K. Bellue, and Walter S. Ball. Printing Division (Documents Section) State of California, Dept. of Agriculture, Sacramento. 547 pp., illustrated. 1951. \$5.00

Flora of the Charleston Mountains, Clark County, Nevada, by Ira W. Clokey. University of California Press, Berkeley. 1951. Paper, \$2.75; cloth, \$3.75.